Logistics Bridge System Overview

for
MRIPT (March 06)

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United States Marine Corps

Agenda

- What are Log C2 Bridge Systems?
- Who Gets Bridge Systems?
- What Capabilities do these Bridge Systems provide?
- How are the Bridge Systems being employed?
- How long will the Bridge Systems Be Around and how do they relate to GCSS-MC?
- Way Ahead

What are Log C2 Bridge Systems?

- Log C2 Bridge Systems are those applications or systems approved in MARADMIN 444/05 that enable improved C2 of logistics operations. They represent an interim capability bridge in anticipation of development and fielding of GCSS-MC LCM and Log C2 capabilities.

- Currently approved systems:
  - BCS3
  - TCPT
  - CLC2S
  - W2W
  - MERIT

Bridge Systems Vision

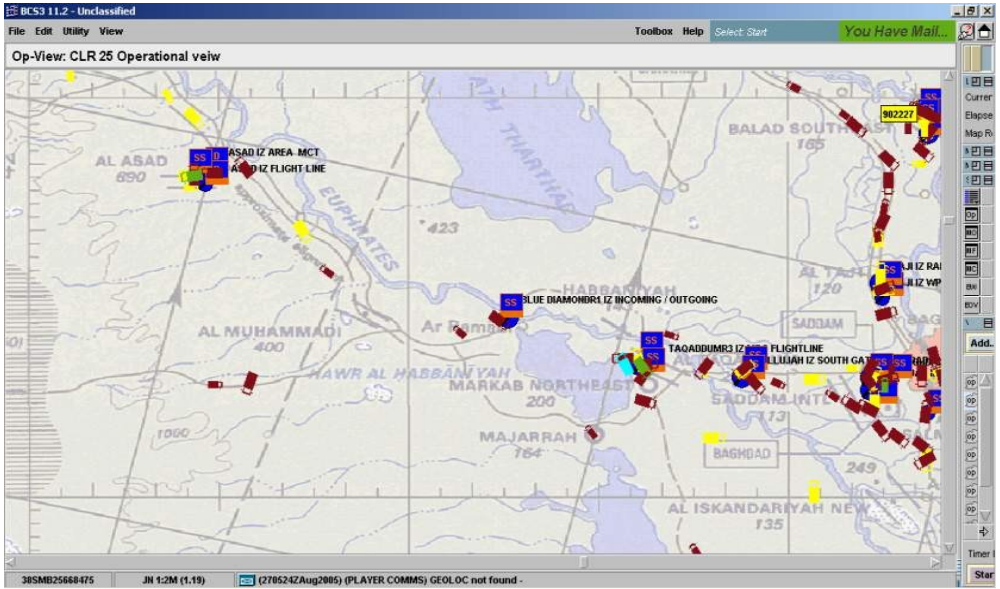
- **Provide commanders with actionable and decisionable logistics information that will allow logisticians to provide enhanced maneuver sustainment support to the MAGTF.**
- **Provide user-defined operational pictures that allow logisticians to integrate actions from the strategic, operational and tactical levels, resulting in better end-to-end distribution of sustainment supplies and material.**
- **In the near-term, serve as small-scale, operational models of expected capabilities to be released in forthcoming blocks of GCSS-MC.**

Who gets Log C2 Bridge Technologies?

- The first priority for fielding and training on Log C2 Bridge Technologies is to deployed MAGTFs engaged in GWOT. The second priority is to MAGTFs preparing to deploy in support of GWOT. Third priority is to MEFs providing small unit or individual augments in support of GWOT.

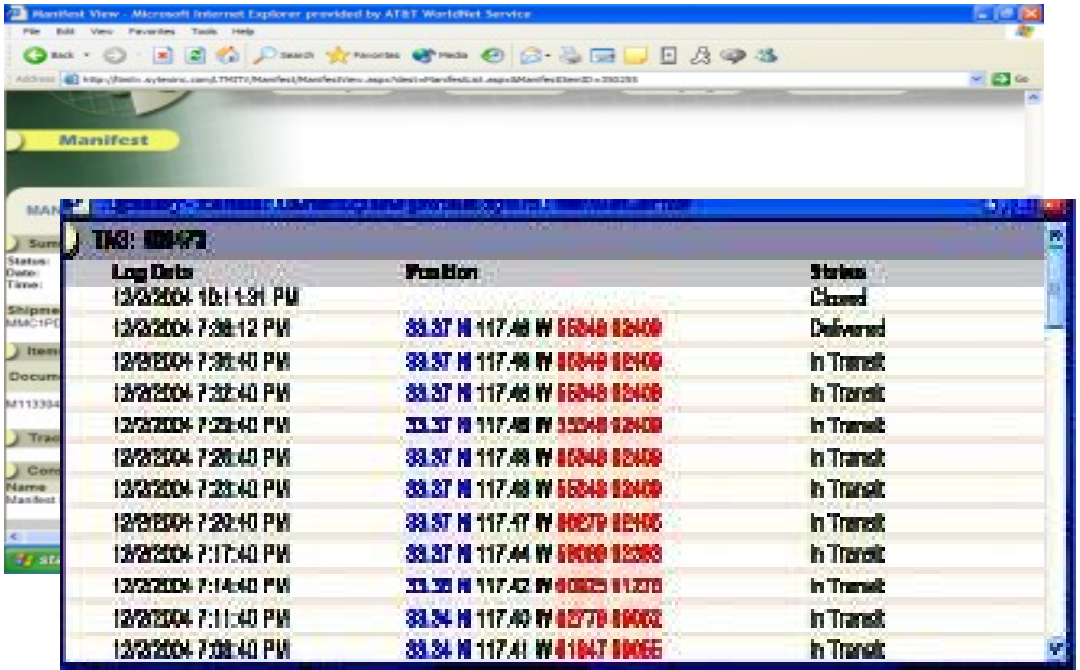
BRIDGE SYSTEM CAPABILITIES

- **BCS3 provides:**
  - ITV / Supply Pt Status / Log-related CCIRs / Log COA analysis / Combat Power Projection
  - Feeds include: ITV / GTN / WPS / GATES / MERIT / MTS / VISTARS / IRIDIUM
  - Scaleable, map-centric view in a User-Defined Operational Picture (UDOP)
  - UNS # 04244UD



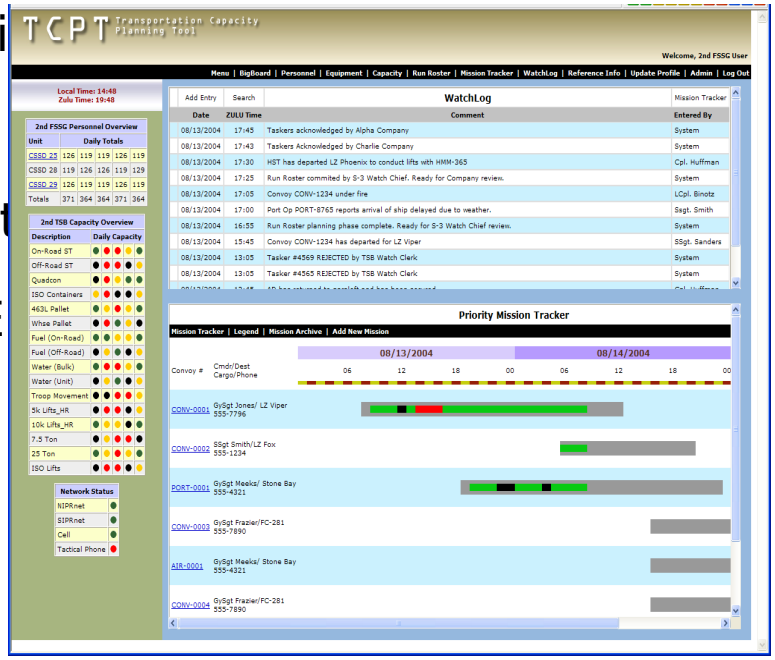
BRIDGE SYSTEM CAPABILITIES

- **W2W provides:**
  - View of “sustainment in motion” during Last Tactical Mile– linking truck to contents on back
  - Provides Confirmation of delivery to FOBs and Supported Unit
  - UNS submission has been signed by 2d MLG – awaiting entry into CDTS



BRIDGE SYSTEM CAPABILITIES

- **TCPT provides:**
  - Web-based aid in the execution of transportation-centric missions
  - Transportation Capacity (What can I move right now?)
  - Personnel (Can't move trucks without drivers.)
  - Graphic Mission Tracker (to provide i mission execution),
  - Electronic Watch Log (ties it all toget
  - Pending UUNS submission from I ME
  - *Oracle® Based*


TCPT Transportation Capacity Planning Tool
Welcome, 2nd FSSC User
Menu | BigBoard | Personnel | Equipment | Capacity | Run Roster | Mission Tracker | WatchLog | Reference Info | Update Profile | Admin | Log Out
Local Time: 14:48
Zulu Time: 19:48
2nd FSSC Personnel Overview
2nd TSB Capacity Overview
Network Status
NIPRnet
SIPRnet
Cell
Tactical Phone
WatchLog
Priority Mission Tracker
08/13/2004
08/14/2004

BRIDGE SYSTEM CAPABILITIES

- **CLC2S provides:**
  - Web-based Rapid Request Tracking System (RRTS)
  - Graphical Request data
  - Manual Feeds from ATLASS, Others
  - Logistics/Engineering Planning And Execution Tool
  - Enhanced CSSOC System (w/C2PC Injector)

BRIDGE SYSTEM CAPABILITIES

- **MERIT provides:**
  - Web-based equipment readiness reporting tool
  - Graphical depiction of Marine Corps readiness data
  - Feeds from SASSY, MIMMS, and MARES

Bridge System Employment (Who)

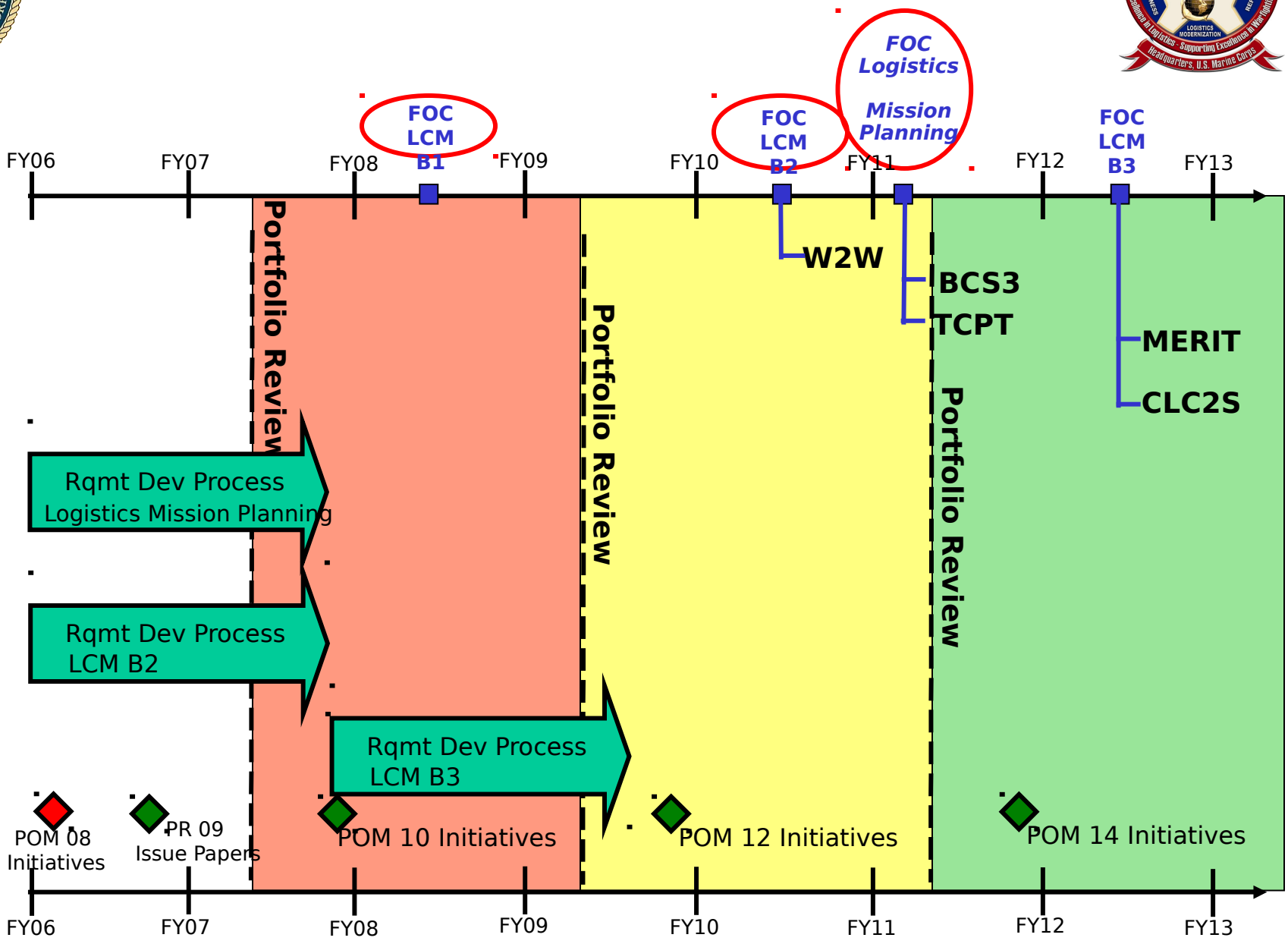
- I MEF (Fwd)
  - BCS3, TCPT (planned May 06), W2W, MERIT
- II MEF (Rear)
  - BCS3, TCPT (planned May 06), W2W, MERIT
- III MEF
  - BCS3, CLC2S, TCPT (requested), MERIT
- 24 MEU
  - BCS3, CLC2S, TCPT?, MERIT
- 26 MEU
  - TCPT (requested), CLC2S (requested)

* Current as of 28 Feb 06

Bridge System Employment in OIF

- **Systems being used to:**
  - **Provide actionable and decisionable information for MEF and MLG (TCPT/Gryphon, BCS3)**
    - **Inventory and Transportation Capacity Management**
  - **Achieve greatly improved MAGTF and Theater asset visibility and In-Transit Visibility (ITV) to last tactical mile (TCPT/Gryphon, BCS3, W2W, MERIT)**
    - **Enables MDC process**
- **CLC2S not significant player**

GCSS-MC Alignment Strategy



Way Ahead (What MEFs Want)

1. ***Reliable Baseline for Systems – something usable***
   - **Register Logistics Needs**
   - **See Logistics Needs Until Delivery**
2. ***DOTMLPF – Infrastructure***
   - **Include Enough Hardware**
3. ***Reliable/Dependable Hardware***
4. ***Automated Feeds (Supply/Maint) Into CLC2S, TCPT***
   - **#1 identified requirement from LMT's**
   - **Need/Want Manual Override**
5. ***Cross Domain Guard***
   - **Operate NIPR, Feed to SIPR**

Way Ahead (What MEFs Want)

6. One Screen is <u>Not</u> A Big Deal Right Now Across Op Fors

7. Training On Bridge Systems Before Deployment

8. FSR Spt In Theater Until Mature

HQMC I&L Way Ahead

- ***Work to establish Bridge Systems in EFDS, MCSC***
- ***Provide necessary support fm HQMC & MCSC (addressed in forthcoming MARADMIN)***
- ***Address concerns of MEFs***
  - ***MEF in contact remains priority***
- ***Look for integration possibilities & economies of scale***
- ***Define Logistics C2 capabilities (underway)***

QUESTIONS ???

BACKUP SLIDES

FOC Definition for GWOT Bridge Technologies

Full Operational Capability: Bridge Technologies will be fielded, with appropriate spares to units participating directly in the Global War On Terrorism (GWOT) IAW existing fielding plans and sustained to optimize current operational capabilities until retired through replacement by GCSS capabilities. Sustainability improvements will be supported as indicated below:

- Enhancements
- Usability Improvements
- Performance Improvements
- Operational Supportability Improvements
- Bug Fixes
- IAVA Patches
- COTS HW/SW Updates/upgrades
- Interoperability Updates

Training: New equipment and sustainment training will be provided for both operators and administrators as specified by I & II MEF. Individual augmentees from III MEF will be trained primarily through OJT and through contracted classroom training as schedules permit.

Support: Help desks providing 24/7 technical support will be provided for all systems and Field Service engineers as specified in applicable ILSP's and Fielding plans.

Bridge Systems in EFDS

- ***BCS3, TCPT, CLC2S requirement validated in Solution Planning Directive for Log Mod approved by CG, CD&I in Jan 06.***
- ***W2W requirement identified in U/UNS 06034UA***
- ***MERIT requirements developed by MRIPT***
- ***BCS3, CLC2S, and MERIT in GCSS-MC Portfolio***
- ***W2W under PM, LSIS***
- ***TCPT likely to be under PM, LSIS***